

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

RECORD OF WELL

1. Location: State N.Y. State County Ratnan
Nearest P. O. Lavison Direction from P. O. in town

Nearest P. O. Laurens Direction from P. O. in town

Distance from P. O. 0 miles; 1/4 sec. 1 T. 1 R.

If in city, give street and number *Town of Phillipstown*

Locate well on plat of section.

2. Owner: Garrison Hall School Address Garrison, N.Y.

Driller V. F. Beal & Sons . Address Newster N. Y.

3. **Situation:** Is well on upland, in valley, or on hillside?

4. Elevation of top of well: 172 ft. above the level of sea

5. Type of well: drilled; kind of drilling rig used core.

6. Depth of well: 130 ft.; year in which well was finished 1939? 1938 - C-1

Does well enter rock? yes; if so, at what depth? 10 ft.; kind of rock

7. Diameter: At top 6.75 inches; at bottom 6.5 inches.

8. Principal water bed: bedrock fractured zone - Des

Depth to principal water bed _____ ft.; thickness of bed _____ ft.

If other water supplies were found, give depth to each

9. Casings: Kind Cast iron; size 6"; length 5? ft.; between depths of 0 and 5? ft.

Kind _____; size _____; length _____ ft.; between depths of _____ and _____ ft.

Kind _____; size _____; length _____ ft.; between depths of _____ and _____ ft.

Packers (if any): Depth at which packers were used none: kind

Screen or Strainer: Was well finished with screen? _____; kind of screen 100' drop.

length of screen _____ ft.; diameter _____ inches; size of openings _____

10. **Head:** Does well at present overflow without pumping? yes; did it overflow when new? _____;

if flowing, give pressure _____ lb. per sq. inch; or height water will rise in a pipe _____ ft. above surface:

original pressure or head _____; if not flowing, give water level in well _____ ft. below surface

11. Pump: Is the well pumped? Yes; kind of pump Deep well Myers Pump type.

size or capacity of pump _____; kind of power *hydro pump elec.*

12. **Yield:** Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute.

well has been pumped at 3 gallons per minute continuously for _____ hours.

quantity of water ordinarily obtained from well 350 GPD gallons per day.

13. Use: For what purpose is the water used? *School, church, rectory, sextons*

14. Quality of the water: Good; is there an analysis? Yes

15. Cost of well, not including pump: _____ Temperature of water _____ ° F

Name of person filling blank J. Hoseney, Room 4450H at Fort

Date 1-8-50 Address Albany, N.Y. U.S.A. & Col. Taylor Bell

On the back of this sheet give the record of the beds through which the well passes and any other facts not given above.

LOG OF WELL

KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft)	DEPTH, IN FEET		THICKNESS, IN FEET	REMARKS (Especially information as to water found)		
	From—	To—				
Analysis - Samples Collected 12-21-39						
Water from pump tank	Iron	Nitrates	Chloride	Total Hardness	Alk	pH
#1 Sample - from tap in school basement	0.25	2.0	8.0	136	93	6.7
#2 Sample - " " " " "	0.4	2.4	20.8	208	113	6.7
(Water directly from well)						
note: another analysis on back of P297						
Hoisted up to elevated wooden storage tank						
In additional information a area, see P297						
Estimated that rock is encountered at not more than 10 ft.						
Bedrock outcrops on property						